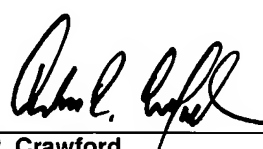


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| FORM PTO-1390 MODIFIED | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 124-1099 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/519148 Unknown |
| INTERNATIONAL APPLICATION NO. PCT/GB2003/002720 | INTERNATIONAL FILING DATE 26 June 2003 | PRIORITY DATE CLAIMED 28 June 2002 |
| TITLE OF INVENTION PHOTOCHROMIC LIQUID CRYSTALS | | |
| APPLICANT(S) FOR DO/EO/US FRIGOLI et al | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation). <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <ol style="list-style-type: none"> <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(5)). Items 11 To 20 below concern document(s) or information included: <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information. (1) Copy of published PCT application No. WO 2004/003107 and (2) Application Data Sheet | | |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/519148 | | INTERNATIONAL APPLICATION NO. PCT/GB2003/002720 | | ATTORNEY'S DOCKET NUMBER 124-1099 | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | | |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee | | | | \$ | 300.00 |
| <input checked="" type="checkbox"/> b) Examination Fee | | | | \$ | 200.00 |
| <input checked="" type="checkbox"/> c) Search Fee | | | | \$ | 500.00 |
| TOTAL OF ABOVE CALCULATIONS | | | | \$ | 1000.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | | RATE | |
| -100 | 0 | /50 = 0.00 | | X \$250.00 | \$ 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). | | | | | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | 11 | minus 20 = | 0 | X \$50.00 | \$ 0.00 |
| Independent Claims | 1 | minus 3 = | 0 | X \$200.00 | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable) | | | | \$360.00 | \$ |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$120.00/1 month; \$450.00/2 months; \$1020.00/3 months) | | | | | \$ 0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$ 1000.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by one half. | | | | | |
| SUBTOTAL = | | | | | \$ 1000.00 |
| Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). | | | | | |
| TOTAL NATIONAL FEE = | | | | | \$ 1000.00 |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property | | | | | \$ 40.00 |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1500.00 - Small Entity = \$750.00) | | | | | \$ 0.00 |
| TOTAL FEES ENCLOSED = | | | | | \$ 1040.00 |
| | | | | | Amount to be: |
| | | | | | refunded \$ |
| | | | | | Charged \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.</p> <p>d. <input checked="" type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED.</p> <p>e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/GB2003/002720 and any U.S. and foreign application(s) corresponding thereto, and GB 0214989.6, referred to in this application is/are hereby incorporated by reference in this application.</p> <p>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>CORRESPONDENCE ADDRESS Direct all correspondence to:</p> <p><input checked="" type="checkbox"/> Customer Number: 23117 Type Customer Number here</p> | | | | | |
| <p>Telephone: (703) 816-4000 ARC:lmj</p> <div style="text-align: right;">  Arthur R. Crawford NAME 25,327 REGISTRATION NUMBER December 27, 2004 Date </div> | | | | | |